

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

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1. (canceled)
2. (currently amended) The glass composition of claim [[1]] 5 having a liquidus temperature of 1100°C or less.
3. (currently amended) The glass composition of claim [[1]] 5 having a viscosity at a liquidus temperature of at least 10^5 poise.
4. (currently amended) The glass composition of claim [[1]] 5 having a viscosity at a liquidus temperature in excess of 4×10^5 poise.
5. (currently amended) [The glass composition of claim 1] A glass composition comprising 59-66 mol % SiO₂, 15.0-18.0 mol % Al₂O₃, 8.5-12.0 mol % Na₂O, 2.5-6.5 mol % K₂O, 2.5-9.0 mol % CaO, 0.0-3.0 mol % MgO, 0.0-3.0 mol % SrO, 0.0-3.0 mol % BaO, 0.0-5.0 mol % MgO+SrO+BaO, and 0.0-0.45 mol % B₂O₃, the glass composition having a linear coefficient of thermal expansion of 80 to 95 $\times 10^{-7}$ /°C over a temperature range of 25 to 300°C.
6. (original) The glass composition of claim 5 having a linear coefficient of thermal expansion of 87 to 92 $\times 10^{-7}$ /°C over a temperature range of 25 to 300°C.
7. (currently amended) The glass composition of claim [[1]] 5 having a strain point greater than 580°C.
8. (original) The glass composition of claim 7 having a strain point of at least 640°C.
9. (currently amended) The glass composition of claim [[1]] 5 further comprising at least one oxide selected from the group consisting of P₂O₅, Li₂O, Y₂O₃, La₂O₃, and ZnO in a total amount not exceeding 5 mol %.

10. (currently amended) The glass composition of claim [[1]] 5 wherein a molar ratio of Na₂O to K₂O is approximately 1.0.

11. (currently amended) The glass composition of claim [[1]] 5 wherein a molar ratio of Na₂O to K₂O is in a range from 1.2 to 3.0. **TEST AVAILABLE C.C.**

12. (currently amended) The glass composition of claim [[1]] 5 comprising 60-65 mol % SiO₂, 15.5-17.0 mol % Al₂O₃, 9.5-11.0 mol % Na₂O, 3.5-5.5 mol % K₂O, 3.5-8.0 mol % CaO, 0.0-2.0 mol % MgO, 0.0-2.0 mol % SrO, 0.0-2.0 mol % BaO, and 0.0-3.0 mol % MgO+SrO+BaO.

13. (currently amended) The glass composition of claim [[1]] 5 further comprising at least one oxide selected from the group consisting of P₂O₅, Li₂O, Y₂O₃, La₂O₃, and ZnO in a total amount not exceeding 3 mol %.

14. (currently amended) A glass composition comprising 59-66 mol % SiO₂, 15.0-18.0 % Al₂O₃, 8.5-12.0 mol % Na₂O, 2.5-6.5 mol % K₂O, 2.5-9.0 mol % CaO, 0.0-3.0 mol % MgO, 0.0-3.0 mol % SrO, 0.0-3.0 mol % BaO, and 0.0-0.45 mol % B₂O₃, the glass composition exhibiting a linear coefficient of thermal expansion of 80 to 95 x 10⁻⁷/°C over a temperature range of 25 to 300°C.

15. (original) The glass composition of claim 14, wherein MgO+SrO+BaO are present in a total amount of 0-5 mol %.

16. (original) The glass composition of claim 14, comprising 60-65 mol % SiO₂, 15.5-17.0 mol % Al₂O₃, 9.5-11.0 mol % Na₂O, 3.5-5.5 mol % K₂O, 3.5-8.0 mol % CaO, 0.0-2.0 mol % MgO, 0.0-2.0 mol % SrO, and 0.0-2.0 mol % BaO.

17. (original) The glass composition of claim 16, wherein MgO+SrO+BaO are present in a total amount of 0-3 mol %.

18. (previously presented) A glass composition comprising 59-66 mol % SiO₂, 14.5-18.0 mol % Al₂O₃, 8.5-12.0 mol % Na₂O, 2.5-6.5 mol % K₂O, 2.5-9.0 mol % CaO, 0.0-3.0 mol % MgO, 0.0-3.0 mol % SrO, 0.0-3.0 mol % BaO, 0-5 mol % MgO+SrO+BaO, and 0.0-0.45 mol % B₂O₃, the glass composition exhibiting a strain point of at least 640°C and a linear coefficient of thermal expansion of 80 to 95 x 10⁻⁷/°C over a temperature range of 25 to 300°C.

19. (original) The glass composition of claim 18 having a liquidus temperature of 1100°C or less.

20. (original) The glass composition of claim 18 having a viscosity at a liquidus temperature of at least 10⁵ poise.

21. (original) The glass composition of claim 18 having a viscosity at a liquidus temperature in excess of 4 x 10⁵ poise.

22. (original) The glass composition of claim 18 comprising 60-65 mol % SiO₂, 15.5-17.0 mol % Al₂O₃, 9.5-11.0 mol % Na₂O, 3.5-5.5 mol % K₂O, 3.5-8.0 mol % CaO, 0.0-2.0 mol % MgO, 0.0-2.0 mol % SrO, 0.0-2.0 mol % BaO, and 0.0-3.0 mol % MgO+SrO+BaO.

23. (currently amended) A glass substrate for an electronic display device, comprising 59-66 mol % SiO₂, 15.0-18.0 mol % Al₂O₃, 8.5-12.0 mol % Na₂O, 2.5-6.5 mol % K₂O, 2.5-9.0 mol % CaO, 0.0-3.0 mol % MgO, 0.0-3.0 mol % SrO, 0.0-3.0 mol % BaO, 0.0-5.0 mol % MgO+SrO+BaO, and 0.0-0.45 mol % B₂O₃, the glass composition exhibiting a linear coefficient of thermal expansion of 80 to 95 x 10⁻⁷/°C over a temperature range of 25 to 300°C.

24. (previously presented) A glass substrate for an electronic display device, comprising:
a flat, transparent glass exhibiting a strain point of at least 640°C and a linear coefficient of thermal expansion of 80 to 95 x 10⁻⁷/°C over a temperature range of 25 to 300°C, the glass comprising 59-66 mol % SiO₂, 14.5-18.0 mol % Al₂O₃, 8.5-12.0 mol % Na₂O, 2.5-6.5 mol % K₂O, 2.5-9.0 mol % CaO, 0.0-3.0 mol % MgO, 0.0-0.3 mol % SrO, 0.0-3.0 mol % BaO, 0.0-5.0 mol % MgO+SrO+BaO, and 0.0-0.45 mol % B₂O₃.

25. (currently amended) A method of producing a glass panel for an electronic device, comprising:

melting a glass batch comprising 59-66 mol % SiO₂, 15.0-18.0 mol % Al₂O₃, 8.5-12.0 mol % Na₂O, 2.5-6.5 mol % K₂O, 2.5-9.0 mol % CaO, 0.0-3.0 mol % MgO, 0.0-3.0 mol % SrO, 0.0-3.0 mol % BaO, 0.0-5.0 mol % MgO+SrO+BaO, and 0.0-0.45 mol % B₂O₃; and

drawing a thin sheet of molten glass from the melt, the thin sheet exhibiting a linear coefficient of thermal expansion of 80 to 95 x 10⁻⁷/°C over a temperature range of 25 to 300°C.

26. (original) The method of claim 25, wherein the glass sheet is drawn by the fusion draw process.

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